

Information Sheet for preparing an Information
Disclosure Statement under Rule 1.56

Suzuye Ref: 01S0441

Foreign Patent Documents

Document No.: 11-66755, published: March 9, 1999

Country: Japan

Copy of reference: attached

Language: non-English

English translation: not attached because it is not readily available

Concise Explanation of Pertinency:

This reference discloses PR equalization of a positive coefficient performed on a vertical recording/reproduction signal.

On the other hand, the present invention discloses a specific Amp structure for differentiating a vertical recording waveform and for appropriately processing an actual waveform of a vertical waveform.

Foreign Patent Documents

Document No.: 4-286702, published: October 12, 1992

Country: Japan

Copy of reference: attached

Language: non-English

English translation: not attached because it is not readily available

Concise Explanation of Pertinency:

According to this reference, a vertical recording/reproduction signal is used by being differentiated. However, this reference does not mention an Amp constant for preventing a specific structure and a waveform from being distorted.

Toshiba Engineer's Comment

Same as above.

Atty. Dkt. No.	M#	Client Ref.
	290560	T2TT-01S0441-1

**INFORMATION DISCLOSURE STATEMENT
 BY APPLICANT**

Applicant: Shimomura et al.	
Appln. No.: New	
Filing Date: December 26, 2001	
Examiner: Unassigned	Group Art Unit: Unassigned

Date: December 26, 2001 Page 1 of 1

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

PTO
 10/025979
 12/26/01

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
	OR 11-66755	03/1999	Japan		X			
	PR 4-286702	10/1992	Japan		X			
	QR							
	RR							
	SR							
	TR							
	UR							
	VR							
	WR							
	XR							

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR							
	ZR							
	AAR							
	BBR							
	CCR							
	DDR							

Examiner Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

BACKGROUND ART INFORMATION

TOSHIBA

The following information has been determined, to the best of TOSHIBA's ability, as possibly relevant to the describing and claiming of the invention of the subject case in a U.S. patent application. Based on this information and pursuant to 37 CFR 1.56(b), please prepare and file the proper Information Disclosure Statement or equivalent document.

INVENTOR'S INFORMATION

☆	PATENT NUMBER, PUBLICATION	INVENTOR(S), AUTHOR(S)	DATE	etc.
	垂直記録再生装置及びその回路(特開平11-66755) 愛媛大			
★	CONCISE EXPLANATION			
	正信号の再生化を垂直記録再生信号の1例とする公知例 本発明は垂直記録再生信号を再生するための具体的Amp構成に示す説明であり 本発明の実際の再生装置と最良の形態とを説明し、これにより再生装置と			
☆	垂直記録再生装置(特開平4-286702) 富士通			
★	垂直記録再生信号を再生するための公知例であるが、本発明に示す 特定の具体的な構成や再生装置のためのAmp定数の記述等は されていない			
☆				
★				
PRIOR APPLICATION(S) OF INVENTOR(S) OR OF KABUSHIKI KAISHA TOSHIBA (ASSIGNEE) APPLICATION NUMBER TOSHIBA REFERENCE COUNTRY AGENT MEMO				
INVENTOR(S) SIGNATURE & DATE CHECKED BY				
Kazuhito Shimomura Mar. 17, 2001				

PATENT ENGINEER'S INFORMATION

PATENT ENGINEER'S COMMENT ON INVENTOR(S) INFORMATION OR PATENT ENGINEER'S INFORMATION			
☆	上記以外特になし		
★	No particular comment to make		
CHECKED BY PATENT ENGINEER(S) SIGNATURE & DATE			
Tomoaki Ohmae Mar. 30, 2001			
to U.S. Attorney)	P2000-397291	TOSHIBA REFERENCE 3V G 32140	JAPANESE AGENT REFERENCE Sheet of